

1. LOCKED HYDRANT & LOCKED HYDRANT ADAPTER OR MUELLER "AQUAGRIP" SYSTEM MAY BE USED IN PLACE OF RESTRAINT RODS.
2. VERTICAL MUELLER AQUA GRIP FIRE HYDRANT SHOE MAY BE USED WHERE MAIN DEPTH IS GREATER THAN 5-FEET.
3. USE SWIVEL HYDRANT TEE WITH 6" GATE VALVE DIRECTLY COUPLED TO HYDRANT TEE UNLESS OTHERWISE APPROVED BY BRUNSWICK COUNTY.
4. FIRE HYDRANT COLOR SHALL BE "CHROME YELLOW" ENAMEL PAINT.
5. FIRE HYDRANTS INSTALLED WITHIN THE NCDOT RIGHT-OF-WAY MUST BE INSTALLED WITHIN 12 INCHES OF THE R/W LINE.



1. ALL DEAD END LINES WILL HAVE FLUSHING DEVICE.
2. MAINS 6" AND LARGER SHALL USE A FIRE HYDRANT FOR A FLUSHING DEVICE.
3. FLUSHING HYDRANT COLOR SHALL BE "RED" ENAMEL PAINT.
4. AT DISCRETION OF BRUNSWICK COUNTY, AN AUTOMATIC FLUSHING DEVICE (KUPFERLE 9400 ECLIPSE) MAY BE REQUIRED IN LIEU OF STANDARD MANUAL FLUSHING HYDRANT (SEE DETAIL THIS SHEET)



1. CONCRETE SHALL NOT CONTACT BOLTS OR ENDS OF MECHANICAL FITTINGS.
2. ALL TIE RODS AND NUTS TO BE STAINLESS STEEL.



ROD REQUIREMENTS	
BRANCH SIZE	NO. OF RODS
4"	2 EA.
6"	2 EA.
8"	4 EA.
12"	4 EA.
16"	6 EA.
20"	6 EA.
24"	6 EA.

1. ALL DEAD END LINES WILL HAVE FLUSHING DEVICES.
2. MAINS 6" AND GREATER NOT BEING EXTENDED IN THE FUTURE SHALL USE A FIRE HYDRANT FOR A FLUSHING DEVICE.
3. CONTRACTOR SHALL REMOVE AUTOMATIC FLUSHING DEVICE FOR MAIN EXTENSIONS AND DELIVER AUTOMATIC FLUSHING DEVICE TO BRUNSWICK COUNTY REPRESENTATIVE.

1.1 - DATED 4/30/2013
Modified W-2 and W-3
1.2 - DATED 5/29/2013
Added Note 5 to W-1

GENERAL WATER DETAILS
FOR
BRUNSWICK COUNTY
NORTH CAROLINA

Date: 05-22-12
Scale: NTS
Drawn By: JDM
Checked By: WLP